

Claims

[c1] What is claimed is:

1. An pre-filled disposable beverage container, comprising:

a) A cup vessel having a cylindrical wall attached to a circular floor, both, featuring an opening at the upper end and a rim for mating to a corresponding lid;

b) A lid with a sippy style drinking spout and a mating rim corresponding to the cup having a nodule post in the interior cavity;

c) A membrane film seal covering the cup opening and sandwiched in between the cup and the lid; and

d) A cutting tool attached to said lid having a plurality of piercing heads used to rupture the membrane film when the lid is depressed.

[c2] 2. A container as in claim 1 including a pull tab seal covering the drinking spout.

[c3] 3. A container as in claim 1 including a cap to cover the container assembly.

[c4] 4. A container as in claim 1 wherein said cup vessel has a semi-rigid, semi-deformable tapered cylindrical

5. A container as in claim 1 wherein said lid is in a convex shape.

[c5] 6. A container as in claim 1 wherein said cutting tool is enclosed in the lid cavity having single or multiple convex armatures that set into the molded interior periphery groove of the lid.

[c6] 7. A container as in claim 1 wherein the cup wall and cup floor have molded contoured relief features.

[c7] 8. A container as in claim 1 wherein the retort capable packaging materials for each component embodying the container assembly has individual bonding temperatures above 190 degrees Fahrenheit that will fuse together with a bonding means for those components needing to be hermetically sealed.

[c8] 9. A container as in claim 1 where said container is made from one or more of a set of polypropylene or co-extruded, oxygen barrier plastics or films.

[c9] 10. A container as in claim 1 where said drinking spout is extended upwardly from the lid forming a rim about the spout tip with holes in the recessed depression to allow liquid to flow at a reduced rate.

[c10] 11. A container as in claim 1 where said lid has an intake

hole.

- [c11] 12. A container as in claim 1 where said membrane is peelable.
- [c12] 13. A container as in claim 1 where said lid and said cup vessel are sealed.
- [c13] 14. A container as in claim 1 where said cutting tool is in a decorative shape.
- [c14] 15. A container as in claim 1 where it is attached to a plurality of other containers.
- [c15] 16. A container as in claim 15 where said plurality is in a six-pack configuration.
- [c16] 17. A container as in claim 1 where said membrane has a minimum of three layers.
- [c17] 18. An aseptic, pre-filled, retort capable disposable beverage container, comprising:
 - e)A cup vessel having a cylindrical wall attached to a circular floor, both, featuring an opening at the upper end and a rim for mating to a corresponding lid;
 - f)A lid with a sippy style drinking spout and a mating rim corresponding to the cup having a nodule post in the interior cavity;
 - g)A membrane film seal covering the cup opening and

sandwiched in between the cup and the lid;
h)A cutting tool attached to said lid having a plurality of piercing heads used to rupture the membrane film when the lid is depressed;
i)a pull tab seal covering the drinking spout;
j)said cup vessel has a semi-rigid, semi-deformable tapered cylindrical;
k)said lid is in a convex shape; and
l)said lid has an intake hole.

[c18] 19. A container as in claim 18 where said cutting tool is in a decorative shape.

[c19] 20. A container as in claim 18 where said drinking spout is extended upwardly from the lid forming a rim about the spout tip with holes in the recessed depression to allow liquid to flow at a reduced rate.